

# EXHIBIT 22

# filter

NOUN

## Etymology

### Summary

A borrowing from Latin.

**Etymon:** Latin *filtrum*.

< **post-classical Latin** *filtrum* (also *feltrum*, *fultrum*) felt horse-cloth (8th cent.), felt, piece of felt (11th cent.; frequently from c1200 in British sources), (specifically) piece of some material through which liquids are passed (from 13th cent. in British sources: see **felt** *n.*<sup>1</sup>).

Compare **Middle French**, **French** *filtre* (1575, earliest in sense ‘apparatus for freeing liquids from impurities’; for the **French** noun for ‘felt’ see **fewter** *n.*), **German** *Filter* (1585 as *filtrum*, and until the 18th cent. with **Latin** inflectional endings; earliest with reference to a piece of porous material through which a liquid is passed: see sense 2b).

## Notes

### Specific senses

With sense 4c compare **French** *filtre* (1904 in this sense).

### Specific forms

The form *feltre* probably reflects association with **felt** *n.*<sup>1</sup>, although compare **post-classical Latin** *feltrum* (from 11th cent. in British sources).

In  $\beta$  forms by association with **philtre** *n.*

## Meaning & use

- † Felt; (also) a piece of felt. *Obsolete*.

?a1425

?a1425    pai dwell all in tentez made of blakk **filtre**.

*Mandeville's Travels* (Egerton MS.) (1889) 152

?a1425    pan es he sette apon a blak **filtre**, with þe whilk pai lift him vppe and settez him in his trone.

*Mandeville's Travels* (Egerton MS.) (1889) 125

- 2.a.** A strip or thread of felt, cloth, or other absorbent material, through which liquid is drawn **?a1425-** by capillary action and collected in a separate vessel, thus freeing it of any suspended matter. Cf. **felt** *n.*<sup>1</sup> 2a. Now only in **capillary filter** *n.*

The sense in quotes. ?a1425 and 1544 is ambiguous; they may instead belong at sense 2b.

- ?a1425** Lac virginis..pat is made of litarge & tempred wip white acete distilled with a **filtre** [?c1425 *Paris MS.* by filtre; Latin *cum filtro*].  
translation of Guy de Chauliac, *Grande Chirurgie* (N.Y. Acad. Med. MS.) f. 125 (Middle English Dictionary)
- 1544** Take .iii, ounces of litarge of siluer fyne poudred, halfe a pynte of good whyte vinegre, mixt them togyther, & distylle them by a **fyltre**, or throughe a lytle bagge or by a pece of cloth.  
T. Phaer, translation of J. Goeurot, *Regiment of Lyfe* (new edition) ii. f. xi
- 1559** Destillacion by a **Filter** [Latin *per filtrum*] or a list of Wollen cloth.  
P. Morwyng, translation of C. Gesner, *Treasure of Euonymus* 75
- 1576** By the beake or nose of the Lymbecke, with a thread draw the **Fyltre** of a finger breadth cut, so highe vp, that for the strayghtnes of the Nose, the **Fyltre** wyll no further followe.  
G. Baker, translation of C. Gesner, *Newe Jewell of Health* iv. f. 232<sup>v</sup>
- 1644** When these partes of water are gott vp to the toppe of the vessell on which the **filter** hangeth, and ouer it on the other side by sticking still to the towe,..they fall downe againe by little and little.  
K. Digby, *Two Treatises* i. xix. 167
- 1728** **Filtres** are of two sorts... The second are twisted up like a Skain or Wick... By means hereof, the purest Part of the Liquor distills Drop by Drop out of the vessel.  
E. Chambers, *Cyclopædia at Filtre*
- 1746** The **filtre** here meant is a twist of linnen thread or cotton laid over the edge of the vessel, one end touching the liquor within, and the other hanging without.  
H. Pemberton in translation of *Dispensatory Royal Coll. Physicians* 161

- 2.b.** A thin piece (or esp. in early use a bag) of felt, cloth, mesh, or other porous material (now typically unsized paper) through which liquid is passed to free it of suspended matter. Cf. **felt** *n.*<sup>1</sup> 2a. **1576-**

*bag-filter, membrane filter*: see the first element.

- 1576** This is a Bagge which the Chimistes make of whyte Woollen cloth...shaped and sown after this manner, and name it a **Fylter**.  
G. Baker, translation of C. Gesner, *Newe Jewell of Health* i. f. 21
- 1612** Sir please you Shall I not change the **feltre**?  
B. Jonson, *Alchemist* ii. iii. sig. D4
- 1683** Dissolve the Vitriol, and purify it through a **Filtre**.

J. Pettus, translation of L. Ercker ii. xlv. 214 in *Pietra Minor* i

- 1770** The clear liquor being decanted, the remainder was passed through a filter.  
T. Lane in *Philosophical Transactions* 1769 (Royal Society) vol. 59 220
- 1812** The whole is then to be poured upon a filtre of cloth.  
H. Davy, *Elements of Chemical Philosophy* 285
- 1846** Collected on a filter, washed and dried.  
J. Baxter, *Library of Practical Agriculture* (ed. 4) vol. I. 53
- 1900** Collect the deposit on a filter and dry it in an oven or before a fire.  
*Artist* January 72/1
- 1949** Cases where the oil has to pass through an unheated filter of very fine mesh where suspended solid wax crystals would be liable to collect on the filtering surface and retard the rate of filtration.  
*Our Industry* (Anglo-Iranian Oil Co.) (ed. 2) xiii. 291
- 1956** Particulate matter in the water samples was separated on millipore filters.  
*Limnol. & Oceanography* vol. 1 203/1
- 2015** Use two paper filters, fitted together, each time you brew a pot of coffee. The strength of two keeps them from collapsing.  
*Dayton (Ohio) Daily News* (Nexis) 6 May d3

**2.c.** More widely: any of various devices or other methods used to remove suspended or dissolved impurities from liquid; esp. a vessel in which liquid passes through a layer of sand, charcoal, mesh, or some other porous material.

**1791-**

charcoal filter, percolating filter, water filter, etc.: see the first element.

- 1791** The filters will be cleansed by .  
J. Peacock, *British Patent* 1844
- 1834** An improved filter for water or other liquids.  
*British Patent* 6708
- 1867** Nevertheless the natives had scraped small holes in the sand, as filters.  
S. W. Baker, *Nile Tributaries of Abyssinia* xx. 502
- 1911** Sand filters had been used in Britain since about 1829.  
*Times Engin. Supplement* 22 March 27/4
- 1953** After use the components of the filter should be sterilized and cleaned.  
R. W. Fairbrother, *Text-book of Bacteriology* (ed. 7) vi. 67
- 2010** The lulling sound of the water filter burbles just off-screen.  
J. W. Whitehead, *Appraising Graduate* ii. v. 76

any material suitable for use as a filter.

- 1823** The burning it [sc. charcoal] over and over again..produces a better **filtre** than at first.  
J. Badcock, *Domestic Amusements* 26
- 1870** This [sc. cotton-wool] was the **filter** used by Schrøder in his experiments on spontaneous generation.  
*Nature* 27 January 341/2
- 1909** Charcoal as a **filter**.  
W. S. C. Russell & H. C. Kelly, *Lab. Manual First Year Science* 31 (heading)
- 1987** Gravel was recommended as an excellent **filter**, if available.  
*Research & Devel. in Agriculture* vol. 4 109/2
- 2009** Sand is not only a good **filter** but also is porous and allows water to filter through quickly.  
J. Soukhome et al., *Watershed Investig.* xii. 155

chemistry

**2.e.** A device or other method used to remove smoke, dust, germs, or other impurities from the air. **1825-**

*air filter*: see **air** *n.*<sup>1</sup> Compounds C.2.

- 1825** The wetted sponge acts as a **filter**, separating and taking up the deleterious matters, and allowing the pure air to pass to the lungs.  
*London Journal of Arts & Sciences* vol. 10 153
- 1884** A protective ventilator consisting of a cloth interwoven with thin brass wire to act as a **filter** for the air.  
E. H. Knight, *Practical Dictionary of Mechanics* Suppl. 15/2
- 1937** Billions of infinitesimal germ-laden particles, present in air that has not been cleaned, are caught and *held* by these **filters** at the air-intake.  
*American Home* April 62/1 (advertisement)
- 1957** With **filters** in his nose to keep out germs, and gloves on his hands to prevent contact.  
I. Asimov, *Naked Sun* ii. 22
- 1986** The..system circulates warm air through the purifying **filter** to remove any dust particles.  
*Photographer* May 30/2 (advertisement)
- 2008** Aftermarket **filters** deliver cooler, clean air needed for extended engine life, better fuel economy and additional power.  
*Vancouver Province* (Nexis) 11 April c14

**2** *filtrative* and in extended use. Anything which serves as a selectively permeable barrier, through which only some things may pass.

**1605-**

- 1605** The common salte..passing through the **philter** of the earth [Latin *filtro terrae*].  
T. Tymme, translation of J. Du Chesne, *Practise of Chymicall & Hermeticall Physicke* i. v. sig. D2<sup>y</sup>
- 1672** A **Filtre** to the transient Sap.  
N. Grew, *Anatomy of Vegetables* i. 21
- 1780** A secondary nature, which they [sc. the matters which are converted into calxes] have contracted, by passing through **filters** in which they have degenerated from their original character.  
*Monthly Review* vol. 61 534
- 1802** This natural **filter** [sc. the bill of a duck].  
W. Paley, *Natural Theology* xii. 241
- 1873** A heavy conversation of ponderous compliments passed through the dragoman **filter**.  
H. B. Tristram, *Land of Moab* xii. 228
- 1911** The universe..can only be a system of laws if phenomena have passed beforehand through the **filter** of an intellect.  
A. Mitchell, translation of H. Bergson, *Creative Evolution* iv. 356
- 1990** After impulses have been generated in the mind..they encounter a variety of **filters** which determine whether the impulse is acted upon.  
*Psychol. Rep.* vol. 66 iii. 2
- 2011** The harassed consumer of information turns to **filters** to separate the metal from the dross; **filters** include blogs.  
J. Gleick, *Information* xv. 410

- 4.a.** A cylindrical pad of absorbent material fitted at the mouth end of a manufactured cigarette, or placed in the end of a hand-rolled cigarette, in order to reduce harmful ingredients in the inhaled smoke. Also: a manufactured cigarette fitted with such a pad. **1870-**
- Quot. 1851 shows a use of sense 2e in the context of removing some substances from the smoke inhaled from a type of modified cigar.

- [1851]** A prepared medium in the mouth piece of the cigarilla, which, acting as a filter, absorbs all the empyreumatic oil.  
*Morning Chronicle* 12 August 6/2 ]
- 1870** Such a **filter** may be included in the manufacture of a cigar or cigarette by rolling it up in the outer wrapper.  
*Patents for Inventions: Abridgm. Specif. Tobacco* 139
- 1908** A large proportion of the objectionable oils formed during smoking is arrested in the wool **filter**.  
*Lancet* 21 March 907/2
- 1956** Everybody rides like mad in automobiles or flies, plays golf, shoots craps, ruins their eyes on television, smokes **filters** and drinks vodka.

*Ada (Oklahoma) Evening News* 4 January 4/2

**1994** I insert a **filter** at the end of my cigarettes as I roll them.

*Irish Times* 15 Jan. 15/5

**2011** If you smoked a **filter**, you switched to a nonfilter.

*Charleston (W. Va) Gazette (Nexis)* 1 May 1f

tobacco

**4.b. Photography.** A device placed over the lens of a camera to absorb light of certain wavelengths or polarities.

**1874–**

Recorded earliest in **light filter** *n.*

*colour filter, light filter, sky filter, etc.:* see the first element.

**1874** The other two kinds of light **filters** he uses require to be worked with full, or almost full, apertures.

*British Journal Photography* 7 August 375/2

**1958** Light **filters** are transparent, coloured discs which are attached to the camera lens for the purpose of modifying the colour quality of the light transmitted.

*Newnes Complete Amateur Photography* viii. 97

**2001** When polarizers are used with a wide-angle lens..the thickness of the **filter** will cause vignetting.

*Outdoor Photographer* August 87/1

photography

**4.c. Radiology and Nuclear Physics.** An object or device that is placed in the path of a beam of X-rays, particles, etc., in order to absorb components of specific wavelengths or energies.

**1903–**

**1903** Selective **filters** should be employed to strain out undesirable radiations.

*Electrical Review* 12 December 849/2

**1969** We can..use a sufficiently thick block of graphite as a **filter** which..removes all neutrons with a wavelength greater than 0.67 nm.

G. E. Bacon, *Neutron Physics* x. 127

**2006** MXF Technologies has developed tunable monochromatic X-ray **filters** that can be attached to a standard X-ray tube.

*Washington Post (Nexis)* 15 May d5

radiology

nuclear physics

**Electronics.** A passive circuit that attenuates all signals except those of specific frequencies.

**1908–**

Recorded earliest in **wave filter** *n.*

comb filter, band-pass filter, notch filter, etc.: see the first element. See also **high-pass adj.**, **low-pass adj.**

- 1908** This machine has been used with a wave **filter**, consisting of series inductances of low effective resistance and parallel capacities.  
*London, Edinburgh & Dublin Philosophical Magazine* 6th Series vol. 16 481
- 1923** A **filter** is generally employed with high-frequency amplifiers for preventing signals from other stations than the one sought being amplified.  
*Harmsworth's Wireless Encyclopedia* 933
- 1955** There must be employed in the video section a 4-5-Mc rejection **filter** to remove the audio carrier and its sidebands from the video signal.  
G. M. Glasford, *Fundamentals of Television Engineering* xvii. 581
- 2004** More than 50 new synth-engine parameters including multi-mode **filters**, envelopes, LFOs and more.  
*Keyboard* February 51/1 (advertisement)
- 2015** This variation of the voltage level, called a ripple, can be smoothed out to some extent by employing a **filter**.  
A. Hemami, *Electr. & Electronics for Renewable Energy Technology* xvi. 488

electronics

**4.e. Computing.** A program or software function that removes or hides certain emails, web pages, search results, etc., according to preset rules or conditions. Frequently with distinguishing word, as **parental filter**, **search filter**, **spam filter**, etc.

**1986–**

- 1986** Would employees..want their supervisors to know that they had **filters** selecting notices about job opportunities in other parts of the company?  
T. Malone et al., *Intelligent Information Sharing Syst.* 26
- 1994** Mail **filters** are only useful in any E-mail system if you are getting lots of E-mail, at least a dozen messages a day.  
*InfoWorld* 31 October 138/2
- 2000** Some search engines, including Excite, let you turn on a family '**filter**' that blocks known porn sites.  
*Today's Parent* October 142/2
- 2005** The risk that legitimate e-mail may be mistakenly blocked by a **spam filter**..has given many companies sleepless nights.  
*Computer Weekly* 19 April 54/1
- 2013** You can use the site to search for advisers in your area and can set **filters** to find specialists who have higher-level qualifications.  
*Times (Nexis)* 13 July 62

computing

5. Chiefly *British and Irish English*. In a road traffic system: an arrangement allowing or directing vehicles to turn right or left at an intersection or other junction, typically independently from the flow of traffic going straight ahead; a lane for this purpose. Also: a traffic light signalling this, usually displaying an illuminated green arrow. Cf. **filter** v. 3c. 1939–

Recorded earliest in *filter light*: see Compounds C.1b.

- 1939** **Filter** lights, to permit traffic to make left turns at some of the light-controlled crossings in Dublin while the normal cross-traffic is held up.  
*Irish Times* 5 August 6/1
- 1955** In reply to a Question which I asked last week about the **filter**, he said that he was advised that it was bad for traffic, but can he say how a filter to the left can possibly be bad for traffic?  
*Hansard Commons* 22 March 1870
- 1987** Rather than the signal disappearing to show that the **filter** had ended and oncoming traffic could be expected, the green became 'solid'.  
*Guardian* 23 February 20/8
- 1995** Beyond the north pier I got up into fourth and did forty then changed down smoothly at the **filter** by the Gathering Halls.  
A. Warner, *Morvern Callar* (1996) 56

British English

Irish English

- 6.a. A program or (now usually) software feature used to alter the overall appearance of a digital image in a specific manner. Cf. senses 4b, 4d. 1965–

- 1965** Two-dimensional digital **filters** were programmed which determined the magnitude of the unwanted frequency at each point in the picture and then subtracted these noises out.  
*Space Programs Summary: Supporting Research & Adv. Development* No. 37-31. iii. 26/1
- 1982** The proposed two-dimensional digital **filters** can be applied to the restoration of blurred images.  
*Proceedings 8th Triennial World Congr. International Federation of Automatic Control* 1981 vol. I. 271/2
- 1991** Aldus Gallery Effects, Volume I: Classic Art comes with 16 artistic **filters**, including chalk and charcoal, watercolor, fresco, chrome, graphic pen, and film grain.  
*Infoworld* 6 May 48/2
- 2000** The best technique for this is the Unsharp Mask **filter** in Photoshop. Unsharp Masking is the traditional film compositing technique used to sharpen edges in an image.  
G. L'E. Turner, *Elizabethan Instrument Makers* ii. 290
- 2015** Instagram's two dozen **filters** ..adjust for brightness, contrast, saturation and 'warmth'.  
*Buffalo* (New York) *News* (Nexis) 14 September d41

computing

**6.b. Computing.** A program or software function that processes data, and orders or reformats it according to some preset rule or condition. **1966–**

**1966** **Filter**, ...2. A device or program that separates data, signal, or material in accordance with specified criteria.

C. J. Sippl, *Computer Dictionary & Handbook* 128/1

**1981** I run the bulletins through a **filter** to convert everything to lower case.

*Arrl Bulletin* in *net.ham-radio* 13 November

**2001** **Filter**, in general a program that inputs a set of data items, performs some operation on each item, and outputs the modified results.

D. Pountain, *New Penguin Dictionary of Computing* 185/2

**2013** This chapter also explains how to redirect input to and output from a command, construct pipelines and **filters** on the command line, and run a command in the background.

M. G. Sobell, *Pract. Guide Linux Commands, Editors, & Shell Programming* (ed. 3) v. 126

computing

## Pronunciation

### BRITISH ENGLISH

/ˈfɪltə/

FIL-tuh



### U.S. ENGLISH

/ˈfɪltər/

FIL-tuhr



Pronunciation keys

## Forms

## Variant forms

**a.**

late Middle English–1800s	<b>filtre</b>
1500s	<b>fylter, fyltre, fytture</b>
1500s–1600s	<b>feltre</b>
	<b>filter</b>

β.

1600s	philter
1600s–1700s	philtre

## Frequency

*filter* is one of the 5,000 most common words in modern written English. It is similar in frequency to words like *completion*, *constituent*, *feminist*, *sink*, and *unite*.

It typically occurs about 20 times per million words in modern written English.

*filter* is in frequency band 6, which contains words occurring between 10 and 100 times per million words in modern written English. More about OED's frequency bands

Frequency data is computed programmatically, and should be regarded as an estimate.

### Frequency of *filter*, *n.*, 1750–2010

\* Occurrences per million words in written English

Historical frequency series are derived from Google Books Ngrams (version 2), a data set based on the Google Books corpus of several million books printed in English between 1500 and 2010.

The overall frequency for a given word is calculated by summing frequencies for the main form of the word, plural or inflected forms, and any major spelling variations.

For sets of homographs (distinct entries that share the same word-form, e.g. *mole*, n.<sup>1</sup>, *mole*, n.<sup>2</sup>, *mole*, n.<sup>3</sup>, etc.), we have estimated the frequency of each homograph entry as a fraction of the total Ngrams frequency for the word-form. This may result in inaccuracies.

Frequency of *filter*, n., 2017–2024

\* Occurrences per million words in written English

Modern frequency series are derived from a corpus of 20 billion words, covering the period from 2017 to the present. The corpus is mainly compiled from online news sources, and covers all major varieties of World English.

Compounds & derived words

Sort by

Date (oldest first)

**filter bag, n.**

1559–

a. A bag used as a filter; b. Photography a...

**filter, v.**

1576–

transitive. To pass (a liquid) through a filter...

**filtered, adj.**

?1600–

that has been filtered; that has been subjected...

**filter paper, n. 1670-**

Unsize porous paper used to filter liquids; a...

**filter press, n. 1817-**

a filter through which liquid is forced by the...

**water filter, n. 1821-**

Any of various devices for the filtration of...

**filter bed, n. 1828-**

A layer of sand, gravel, or other porous material...

**bag filter, n. 1834-**

A filter or device in which a gas or liquid is...

**filter faucet, n. 1846-**

A faucet incorporating a filter to remove...

**pressure filter, n. 1850-**

A filter through which liquid is forced by...

**air filter, n. 1853-**

An apparatus for extracting extraneous or harmful...

**bottle filter, n. 1853-**

A bottle containing filtering material, or fitted...

**oil filter, n. 1853-****filter cake, n. 1861-**

The insoluble residue left on a filter following...

**filter pump, n. 1861-**

A device in which liquid is forced through a...

**capillary filter, n. 1864-**

A filter in the form of a strip or thread of...

**ray filter, n. 1865-**

†a. A substance that is transparent to...

**filter flask, n. 1869-**

A conical flask with a short protruding tube on...

**filter coffee pot, n. 1870-**

a. A (typically ceramic) coffee pot, the upper...

**light filter, n. 1874-**

†a. A filter that modifies the intensity, spectrum...

**filter coffee, n.** 1875-

a. (A drink of) coffee prepared by allowing...

**sack-filter, n.** 1875-

A form of filter used in sugar-refining (E. H...

**wort filter, n.** 1875-

A filter used to remove solids such as ground...

**exfiltration, n.** 1878-

The action or process of filtering out.

**filter cell, n.** 1880-

a. A compartment inside which liquid or gas is...

**gelatin filter, n.** 1890-

Photography and Theatre. A light filter made from...

**colour filter, n.** 1891-

A filter that removes certain wavelengths or...

**heat filter, n.** 1894-

Any device that selectively removes heat...

**sand filter, n.** 1894-

A filter used in water purification consisting of...

**filterless, adj.** 1899-

Lacking a filter (in various senses of the noun)...

**filter cartridge, n.** 1900-

A cartridge containing a filter, typically...

**filter feed, n.** 1901-

Material that is to be filtered; (also) the flow...

**percolating filter, n.** 1901-

A type of filter used in the treatment of sewage...

**filter factor, n.** 1904-

A numerical measure of the darkness or density of...

**filter-passer, n.** 1906-

A substance or organism capable of passing...

**wave filter, n.** 1908-

= filter, n. 4d.

**er-passing, adj.** 1910-

Able to pass through a filter; = filterable, adj. 1. ID #:2157

**microfilter, n.** 1911-

A filter for separating out small quantities of...

**prefilter, n.** 1911-

**filter circuit, n.** 1912-

A passive circuit that attenuates all signals...

**filter aid, n.** 1914-

Any of various powders used to increase the...

**sky filter, n.** 1915-

A lens filter, usually having a yellow upper...

**filter condenser, n.** 1920-

= filter capacitor, n.

**sun filter, n.** 1921-

a. Something such as a blind for a window or a...

**filter reactor, n.** 1922-

= filter inductor, n.

**membrane filter, n.** 1922-

A sheet or film of a polymer (originally...

**filter capacitor, n.** 1927-

A capacitor used as an electronic filter, esp. as...

**filter feeding, n.** 1927-

The process or action of obtaining nourishment by...

**filter inductor, n.** 1927-

An inductor used as an electronic filter, esp. as...

**filter-tipped, adj.** 1927-

(Of a manufactured cigarette) fitted with a filter tip.

**filter feeder, n.** 1928-

An aquatic animal or organism that obtains...

**scratch filter, n.** 1929-

A filter (filter, n. 4d) designed to reduce the...

**filter-feeding, adj.** 1931-

Designating an aquatic animal or organism that...

**filter tip, n.** 1932-

A cigarette filter; (also) a manufactured...

**lattice filter, n.** 1935-

A filter (filter, n. 4d) consisting of components...

**biofilter, n.** 1936-

A filter or filtration device used for biofiltration.

**filter shot, n.** 1937-

A photograph or cinematographic sequence whose...

**slope filter, n.** 1937-

A filter whose response increases or decreases...

**filter bank, n.** 1938-

An array of filters (filter, n. 4d) used to...

**filter cigarette, n.** 1938-

A filter-tipped cigarette.

**polarizing filter, n.** 1939-

A piece of transparent material through which...

**comb filter, n.** 1941-

(See quot. 1960).

**smoothing filter, n.** 1941-

**skylight filter, n.** 1950-

A lens filter, usually having a slight magenta...

**filter feed, v.** 1953-

intransitive. Of an aquatic animal or organism...

**filter tipping, n.** 1954-

The action or process of fitting a cigarette with...

**filter-caked, adj.** 1956-

That has become a filter cake.

**noise filter, n.** 1960-

A filter for selectively reducing noise.

**notch filter, n.** 1962-

A filter that attenuates signals within a very...

**Nafion, n.** 1973-

proprietary name for: a perfluorinated polymer...

**charcoal-filter, n.**

**cistern-filter, n.**

**tube-filter, n.**

In a tube-well, a strainer to prevent gravel from...

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